

SEP 07 2004

Sheet 1 of 1 (9/7/04)

Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
0505-1257P

APPLICATION NO.  
10/715,481

APPLICANT  
Masahiro KUROKI et al.

FILING DATE  
November 19, 2003

GROUP  
3616

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>hms</i>	US 4,313,518	A	1982-02-02	Ledwinka et al.			
	US 4,690,235	A	1987-09-01	Miyakoshi			
	US 4,360,224	A	1982-11-23	Sato			
	US 4,546,997	A	1985-10-15	Smyers			
	US 3,938,609	A	1976-02-17	Kensaku et al.			
	US 4,560,026	A	1985-12-24	Yanagisawa			
	US 5,558,361	A	1996-09-24	Shin			
<i>hms</i>	US 5,108,126	A	1992-04-28	Banse			
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## FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>hms</i>	GB	1 240 506	A	1971-07-28	GREAT BRITAIN				
	FR	2 680 733	A	1993-03-05	FRANCE				
	EP	1 378 427	A1	2004-01-07	EUROPE				
	EP	1 378 428	A1	2004-01-07	EUROPE				
	DE	200 17 449	U1	2000-12-14	GERMANY			X	
	EP	0 626 307	A1	1994-11-30	EUROPE				
	JP	58-156473	(A)	1983-09-17	JAPAN				
	EP	1 020 350	A	2000-07-19	EUROPE				
<i>hms</i>	DE	21 37 757	A	1973-02-08	GERMANY				

## OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

<i>hms</i>	JP 59 073370 A, 1984-04-25, Patent Abstracts of Japan (Abstract only)

EXAMINER

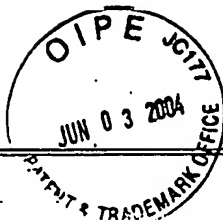
*George D. Smith*

DATE CONSIDERED

6/11/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JMS/apwEP



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Unassigned**U.S. PATENT DOCUMENTS**

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<i>Yps</i>	JP	59 073370	A	1984-04-25	JAPAN			Abs only	
<i>Yps</i>	GB	1 240 506	X	1971-07-28	UNITED KINGDOM				
<i>Yps</i>	FR	2 680 733	A	1993-03-05	FRANCE			Abs	

**OTHER DOCUMENTS**

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*George A. J. Smith*

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